

**ABSTRACT OF THE DISCLOSURE**

In an image processor, a first converter extracts a line image region in input bit map image data and converts the line image to vector data, while a second converter converts bit map data of pixels in the input bit map image data around the line image of the line image region based on the bit map data of pixels around the line image region. Then, a composer composes the vector data of the line image obtained by the first converter and the bit map data converted by the second converter.